



FORM R REPORTS

<< Return

As a result of the <u>TRI Reporting Forms Modification Rule</u>, beginning in <u>reporting year</u> 2005, the <u>Toxics Release Inventory Program</u> is no longer collecting <u>latitude</u> and <u>longitude</u> data or EPA program ID data (Including Resource Conservation and Recovery Act (RCRA) IDs, National Pollutant Discharge Elimination System (NPDES) IDs AND Underground Injection Code (UIC) IDs) via the FORM R or FORM A Certification Statement. However, this data will still be made available to TRI data users and will be included in TRI data Reports. For those Reports, this data will be obtained from the <u>Facility Registry System (FRS)</u>. Latitude and longitude coordinates used to represent TRI facilities are chosen from the FRS using the <u>"Pick Best" Process. Primary permitting systems supply FRS with</u> the program IDs that are used to represent TRI facilities. The FRS data that are being used to represent this facility are:

Reference Point/Description	<u>Latitude</u>	<u>Longitude</u>	Collection Method	Accuracy Value
UNKNOWN	45.46234	-122.615658	UNKNOWN	200

RCRA ID NUMBER

ORD009027970

NPDES PERMIT NUMBER

NO DATA

UIC ID NUMBER

NO DATA

TRI Links

- ¿ Overview
- ¿ TRI Tools
 - TRI Explorer
 - TRI Search
 - Form R Search
 - Form R & A Download
 - EZ Search
 - Customized Search
 - Pollution Prevention
 - Data Element Search Tool
- ¿ TRI Guides
 - TRI Explorer Guide
 - TRI Search Guide
 - Form R & A Download Guide
 - EZ Search Guide
 - Customized Search Guide
 - Pollution Prevention Guide
 - Operator Definition
 - Model
- Contact Us
- ¿ TRI Program Home
- ¿ RSEI Program Home



To correct the FRS latitude, longitude or program ID values click on the "Report an Error" button in the top right corner of this page. Facilities wishing to correct other data elements with the FORM R or FORM A should refer to How to Revise TRI Data.

For more information, see Collection of Latitude, Longitude and Program ID Data Has Been Discontinued.

PART I. FACILITY IDENTIFICATION INFORMATION (FORM R)

DOCUMENT CONTROL NUMBER: 1312210166979

Facility Registry System ID: 110000487241

Section 1. Reporting Year

Reporting Year: 2012

Section 2. Trade Secret Information

2.1 Trade Secret: NO

2.2 Sanitized Copy: Unsanitized

Section 3. Certification

CERTIFYING OFFICIAL'S NAMECERTIFYING OFFICIAL'S TITLE CERTIFYING OFFICIAL'S SIGNATURE DATE SIGNED

CHRISTOPHER MYERS DIRECTOR EHS Electronic 20-JUN-13

Section 4. Facility Identification

TRI Facility ID: 97206LRGST4600S

4.1 Facility Name and Address.

Facility Information

NAME.	<u>STREET</u>	<u>CITY</u>	COUNTY	STATE	ZIP CODE
PCC STRUCTURALS INC LARGE PARTS CAMPUS	4600 SE HARNEY DR	PORTLAND	MULTNOMAH	OR	97206

BIA Tribal Code	<u>Tribe</u>
NO DATA	NO DATA

Mailing Information

NAME_	<u>STREET</u>	<u>CITY</u>	STATE	ZIP CODE	
PCC STRUCTURALS INC LARGE PARTS CAMPUS	4600 SE HARNEY DR	PORTLAND	OR	97206-	

NO DATA NO DATA

4.2 Facility Classification

ENTIRE FACIL	<u>ITY PARTIAL FACILITY</u>	FEDERAL FACILITY	GOCO FACILITY
YES	NO	NO	NO

4.3 Technical Contact

Not Available to the Public as this information is only for Intranet.

4.4 Public Contact

NAME_	<u>PHONE</u>
CHRISTOPHER MYERS	5037773881

4.5 NAICS Codes

NAICS CODE	<u>PRIMARY</u>	NAICS CODE DESCRIPTION
331528	YES	Other Nonferrous Foundries (except Die-Casting)

4.7 Dun Numbers

DUNS NUMBER

5. Parent Company Information

Parent Company Name: PRECISION CASTPARTS CORP

Parent Company DUNS Number: 009027970

1.2 <u>T</u>	oxic Chem	ical or Chemica	al Catego	ry Nam	ie: HYDRO	OGEN FLUOF	RIDE				
1.3 <u>G</u>	Generic Che	emical Name: N	IA								
1.4 D	istribution	of Each Membe	er of the [Dioxin a	and Dioxin	like Compou	nds Catego	ry			
NA NO	1 2 3 4 5	678910111	2131415	1617							
Secti	ion 2. Mixt	ure Compone	nt Identit	y							
2.1 <u>S</u>	upplier Pro	ovided Generic	Chemica	l Name:	: NA						
Secti	ion 3. Acti	vities and Use	s of the	Toxic C	Chemical						
3.1 N	Manufacture	e the Toxic Che	mical·								
	duce: NO	Import		On-Si	te Use/Pro	ocessing: NO					
Sale	e/Distribution	on: NO Byprod	duct: NO	Impur	ity: NO	<u> </u>	_				
		<u> </u>					_				
3.2 P	rocess the	Toxic Chemica	al:	ı							
Rea	ctant: NO	Formulation C	omponer	nt: NO	Article Co	omponent: NO	Nepack	aging: NC	Impurity: NO		
330)therwise I	Jse the Toxic C	hemical:								
		essing Aid: NO		acturing	Aid: YES	Ancillary or	Other Use	: NO			
Secti	ion 4. Max	imum Amount	of the T	oxic Cl	hemical C	Onsite During	the Calen	dar Year			
Maxi	mum Chem	nical Amount: 1	0000 to 9	9999							
		ntity of the To			ntorina os	ach Environn	nontal Mod	ium One	ito		
		-		ilicai Li	intering ea	acii Liiviioiii	nentai wec	iuiii Oiis	ite		
5.1 <u>F</u>	ugitive or N	Non-Point Air E	missions								
	TOTAL R	ELEASE (per y									
NO			662	Pour	nds	O - Other Ap	proaches				
529	tack or Poi	int Air Emissior	ie.								
NA NC	TOTAL R	ELEASE (per)									
NO			39	Pour	nas	O - Other Ap	proacnes				
5.3 <u>D</u>	ischarges	to Receiving St	reams or	Water	<u>Bodies</u>						
NA	STREAM/	WATER BODY	NAME T	OTAL	RELEASE	E (per year) U	NIT OF ME	ASURE	BASIS OF ESTIM	ATE % FROM	M STORMWATER
NO	JOHNSO	N CREEK				0	Pound	ds	O - Other Approa	iches	100
5.4.1	Undergrou	und Injection Or	nsite to C	lass I W	Vells.						
<u>NA</u>	TOTAL F	RELEASE (per	year)UN	IT OF I	MEASUR	EBASIS OF E	STIMATE				
YES	8										
512	Undergrou	and Injection O	nsite to C	-II 226	V Wells						

1.1 CAS Number: 007664393

<u>NA</u>

YES

TOTAL RELEASE (per year) UNIT OF MEASURE BASIS OF ESTIMATE

5.5 Disposal to Land Onsite

5.5.1A RCRA Subtitle C Landfills

<u>NA</u>	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

5.5.1B Other Landfills

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

5.5.2 Land Treatment/Application Farming

<u>NA</u>	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

5.5.3A RCRA Subtitle C Surface Impoundments

<u>NA</u>	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

5.5.3B Other Surface Impoundments

<u>NA</u>	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

5.5.4 Other Disposal

<u>NA</u>	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YE	3		

Section 6. Transfers of the Toxic Chemical in Wastes to Off-Site Locations

6.1 Discharges to Publicly Owned Treatment Works (POTWs)

1 - NAME: COLUMBIA BOULEVARD TREATMENT	ADDRESS: 5001 N. COLUMBIA AVE
<u>CITY</u> : PORTLAND	STATE: OR
COUNTY: 97203	ZIP CODE: MULTNOMAH

TOTAL TRANSFERS (per year) UNIT OF MEASURE BASIS OF ESTIMATE 0 Pounds O - Other Approaches

2 - NAME: KELLOGG CREEK WATER POLLUTION CONTROL	ADDRESS: 11525 SE MCLOUGHLIN BLVD
<u>CITY</u> : MILWAUKIE	STATE: OR
<u>COUNTY</u> : 97222	ZIP CODE: CLACKAMAS

TOTAL TRANSFERS (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
0	Pounds	O - Other Approaches

6.2 Transfers to other Off-Site Locations

RCRA Number:	Parent Company Controlled:
Name:	Address:
City:	State:
County:	Zip Code:
Country Code (Non - US):	Province:

TOTAL TRANSFERS (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE	WASTE MANAGEMENT TYPE
NO DATA		NO DATA	NO DATA

Section 7A. On-Site Waste Treatment Methods and Efficiency

7A.1a. Waste Stream: GASEOUS

7A.1b. WASTE TREATMENT METHOD(S) SEQU					
1		A03 - SCRUBBER			

 $\textbf{7A.1d.}\ \underline{\textbf{Waste Treatment Efficiency Estimate}}\text{: Greater than 95\% but less than or equal to 99\%}$

7A.2a. Waste Stream: WASTEWATER

7A.2b.	WASTE TREATMENT METHOD(S) SEQUENCE
1	H121 - Neutralization

7A.2d. Waste Treatment Efficiency Estimate: Greater than 99% but less than or equal to 99.99%

Section 7B. On-Site Energy Recovery Processes

ON SITE ENERGY RECOVERY PROCESSES NA

Section 7C. On-Site Recycling Processes

ON SITE RECYCLING PRO	CESSES
NA	

Section 8. Source Reduction and Recycling Activities

SECTION	TYPE OF QUANTITY	<u>UNITS</u>	PRIOR	CURRENT REPORTING FOLLOWING		SECOND FOLLOWING	
			<u>YEAR</u>	<u>YEAR</u>	<u>YEAR</u>	<u>YEAR</u>	
8.1a	Total on-site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills		NA	NA	NA	NA	
8.1b	Total other on-site disposal or other releases	Pounds	701	701	701	701	
8.1c	Total off-site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills	Pounds	0	0	0	0	
8.1d	Total other off-site disposal or other releases	Pounds	0	0	0	0	
8.2	Quantity Used for Energy Recovery Onsite		NA	NA	NA	NA	
8.3	Quantity Used for Energy Recovery Offsite		NA	NA	NA	NA	
8.4	Quantity Recycled Onsite		NA	NA	NA	NA	
8.5	Quantity Recycled Offsite		NA	NA	NA	NA	
8.6	Quantity Treated Onsite	Pounds	447427	589865	589865	589865	
8.7	Quantity Treated Offsite	Pounds	0	0	0	0	

8.10 Source Reduction Activities

SOURCE REDUCTION	ACTIVITIES	METHOD 1	METHOD 2	METHOD 3
NA				

8.11 Additional Data Indicator: NO

PART I. FACILITY IDENTIFICATION INFORMATION (FORM R)

DOCUMENT CONTROL NUMBER: 1312210167021

Facility Registry System ID: 110000487241

Section 1. Reporting Year

Reporting Year: 2012

Section 2. Trade Secret Information

2.1 Trade Secret: NO

2.2 Sanitized Copy: Unsanitized

Section 3. Certification

CERTIFYING OFFICIAL'S NAME	CERTIFYING OFFICIAL'S TITLE	CERTIFYING OFFICIAL'S SIGNATURE	DATE SIGNED
CHRISTOPHER MYERS	DIRECTOR EHS	Electronic	20-JUN-13

Section 4. Facility Identification

TRI Facility ID: 97206LRGST4600S

4.1 Facility Name and Address.

Facility Information

NAME_	<u>STREET</u>	<u>CITY</u>	COUNTY	STATE	ZIP CODE
PCC STRUCTURALS INC LARGE PARTS CAMPUS	4600 SE HARNEY DR	PORTLAND	MULTNOMAH	OR	97206

NO DATA NO DATA

Mailing Information

NAME.	<u>STREET</u>	<u>CITY</u>	STATE	ZIP CODE
PCC STRUCTURALS INC LARGE PARTS CAMPUS	4600 SE HARNEY DR	PORTLAND	OR	97206-

PROVINCE COUNTRY (NON - US) NO DATA NO DATA

4.2 Facility Classification

ENTIRE FACILITY	PARTIAL FACILITY	FEDERAL FACILITY	GOCO FACILITY
YES	NO	NO	NO

4.3 Technical Contact

Not Available to the Public as this information is only for Intranet.

4.4 Public Contact

NAME	<u>PHONE</u>
CHRISTOPHER MYERS	5037773881

4.5 NAICS Codes

NAICS CODE	<u>PRIMARY</u>	NAICS CODE DESCRIPTION
331528	YES	Other Nonferrous Foundries (except Die-Casting)

4.7 Dun Numbers

DUNS NUMBER

5. Parent Company Information

Parent Company Name: PRECISION CASTPARTS CORP

Parent Company DUNS Number: 009027970

PART II. CHEMICAL - SPECIFIC INFORMATION

DOCUMENT CONTROL NUMBER: 1312210167021

Section 1. Toxic Chemical Identity

- 1.1 CAS Number: N511
- 1.2 Toxic Chemical or Chemical Category Name: NITRATE COMPOUNDS
- 1.3 Generic Chemical Name: NA
- 1.4 Distribution of Each Member of the Dioxin and Dioxin like Compounds Category

<u>NA</u>	<u>1</u>	2	<u>3</u>	4	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	9	<u>10</u>	<u>11</u>	12	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>
NO																	

Section 2. Mixture Component Identity

2.1 Supplier Provided Generic Chemical Name: NA

Section 3. Activities and Uses of the Toxic Chemical

3.1 Manufacture the Toxic Chemical:

Produce: YES	Import: NO	On-Site Use/Processing: NO
Sale/Distribution: NO	Byproduct: YES	Impurity: NO

3.2 Process the Toxic Chemical:

Reactant: NO Formulation Component: N	Article Component: NO	Repackaging: NO	Impurity: NO
---------------------------------------	-----------------------	-----------------	--------------

3.3 Otherwise Use the Toxic Chemical:

Chemical Processing Aid: NO	Manufacturing Aid: NO	Ancillary or Other Use: NO
-----------------------------	-----------------------	----------------------------

Section 4. Maximum Amount of the Toxic Chemical Onsite During the Calendar Year

Maximum Chemical Amount: 0 to 99

Section 5. Quantity of the Toxic Chemical Entering each Environmental Medium Onsite

5.1 Fugitive or Non-Point Air Emissions

5.2 <u>S</u>	TOTAL RELEASE (per year)	UNIT OF MEASU	DEDACIO OF FOTIA	IATE
5.2 <u>S</u>	0			
<u>NA</u>		Pounds	O - Other Appro	acnes
	Stack or Point Air Emissions			
	TOTAL RELEASE (per year)	LINIT OF MEASU	IDERASIS OF ESTIN	IATE
		Pounds	O - Other Appro	
5.3 <u>[</u>	Discharges to Receiving Strean	ns or Water Bodies	<u>s</u>	
NΙΛ	STREAM/WATER BODY NA	METOTAL DELE	ASE (nor year) INIT	OE ME
<u>NA</u> NO		WE TOTAL RELEA	0	Pound
			-	
5.4.1	Underground Injection Onsite	to Class I Wells.		
		_		
NA YE	TOTAL RELEASE (per year	r)UNIT OF MEASI	UREBASIS OF EST	MATE
1 =	5			
	2 Underground Injection Onsite	to Class II V Wolle	0	
).4.2	2 <u>Onderground injection Onsite</u>	to Class II-V Wells	<u>S.</u>	
NA	TOTAL RELEASE (per year	r)UNIT OF MEASI	URE BASIS OF EST	MATE
YE	S			
5.5 [Disposal to Land Onsite			
5.5.1	A RCRA Subtitle C Landfills			
MA.	TOTAL RELEASE (per year	NINIT OF MEASI	IIDE BASIS OF FST	MATE
NA YE		JUNII OF MEAS	UKEDASIS UF EST	IVIA I E
`	-	<u> </u>		
.5 1	IB Other Landfills			
NA VE	TOTAL RELEASE (per year	r)UNIT OF MEASI	UREBASIS OF EST	MATE
YE	S			
. -	., , 			
5.5.7	2 Land Treatment/Application F	arming		
	TOTAL RELEASE (per year	r)UNIT OF MEASI	URE BASIS OF EST	14 A T.E
	The state of the s			MAIL
	S			MAIE
<u>NA</u>	S			MAIL
NA YES	S RCRA Subtitle C Surface Im	npoundments		MAIL
NA YES	BA RCRA Subtitle C Surface Im		UREBASIS OF EST	
<u>NA</u> YES	A RCRA Subtitle C Surface Im		URE BASIS OF EST	
<u>NA</u> YES 5.5.3	A RCRA Subtitle C Surface Im		UREBASIS OF EST	
NA YES 5.5.3 NA YES	A RCRA Subtitle C Surface Im	r)UNIT OF MEASI	UREBASIS OF EST	
NA YES 5.5.3 NA YES 5.5.3	TOTAL RELEASE (per years) S Other Surface Impoundments	UNIT OF MEASI		MATE
NA YES 5.5.3 NA NA	TOTAL RELEASE (per year BB Other Surface Impoundment	UNIT OF MEASI		MATE
NA YES 5.5.3 NA YES 5.5.3	TOTAL RELEASE (per year BB Other Surface Impoundment	UNIT OF MEASI		MATE
NA YES 5.5.3 NA YES NA YES	BA RCRA Subtitle C Surface Im TOTAL RELEASE (per year S BB Other Surface Impoundmen TOTAL RELEASE (per year S	UNIT OF MEASI		MATE
5.5.3 NA YES 5.5.3 NA YES	TOTAL RELEASE (per year BB Other Surface Impoundment	UNIT OF MEASI		MATE
5.5.3 NA YES 5.5.3 NA YES	BA RCRA Subtitle C Surface Im TOTAL RELEASE (per year S BB Other Surface Impoundmen TOTAL RELEASE (per year S	ts	UREBASIS OF EST	MATE

Section 6. Transfers of the Toxic Chemical in Wastes to Off-Site Locations

6.1 Discharges to Publicly Owned Treatment Works (POTWs)

1 - NAME: KELLOGG CREEK WATER POLLUTION CONTRO	DL ADDRESS: 11525 SE MCLOUGHLIN BLVD
<u>CITY</u> : MILWAUKIE	STATE: OR
COUNTY: 97222	ZIP CODE: CLACKAMAS

TOTAL TRANSFERS (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE	
38514	Pounds	O - Other Approaches	

2 - <u>NAME</u> : COLUMBIA BOULEVARD TREATMENT	ADDRESS: 5001 N. COLUMBIA AVE
<u>CITY</u> : PORTLAND	STATE: OR
<u>COUNTY</u> : 97203	ZIP CODE: MULTNOMAH

TOTAL TRANSFERS (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
439308	Pounds	O - Other Approaches

6.2 Transfers to other Off-Site Locations

RCRA Number:	Parent Company Controlled:	
Name:	Address:	
City:	State:	
County:	Zip Code:	
Country Code (Non - US):	Province:	

TOTAL TRANSFERS (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE	WASTE MANAGEMENT TYPE
NO DATA		NO DATA	NO DATA

Section 7A. On-Site Waste Treatment Methods and Efficiency

7A.1a. Waste Stream: NA

7A.1b.	WASTE TREATMENT METHOD(S) SEQUENCE
1	NO DATA

7A.1d. Waste Treatment Efficiency Estimate: NA

Section 7B. On-Site Energy Recovery Processes

ON SITE ENERGY	RECOVERY	PROCESSES
NA		

Section 7C. On-Site Recycling Processes

ON SITE RECYCLING PROCESSES
NA

Section 8. Source Reduction and Recycling Activities

SECTION TYPE OF QUANTITY		<u>PRIOR</u>	CURRENT REPORTING	FOLLOWING	SECOND FOLLOWING
		<u>YEAR</u>	<u>YEAR</u>	<u>YEAR</u>	<u>YEAR</u>

8.1a	Total on-site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills		NA	NA	NA	NA
8.1b	Total other on-site disposal or other releases	Pounds	0	0	0	0
8.1c	Total off-site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills	Pounds	0	0	0	0
8.1d	Total other off-site disposal or other releases	Pounds	0	0	0	0
8.2	Quantity Used for Energy Recovery Onsite		NA	NA	NA	NA
8.3	Quantity Used for Energy Recovery Offsite		NA	NA	NA	NA
8.4	Quantity Recycled Onsite		NA	NA	NA	NA
8.5	Quantity Recycled Offsite		NA	NA	NA	NA
8.6	Quantity Treated Onsite		NA	NA	NA	NA
8.7	Quantity Treated Offsite	Pounds	475894	477822	477822	477882

8.8 One-Time Event Release: NA

8.9 Production Ratio: 1.02

8.10 Source Reduction Activities

SOURCE	REDUCTION	ACTIVITIES	METHOD 1	METHOD 2	METHOD 3
NA					

8.11 Additional Data Indicator: NO

PART I. FACILITY IDENTIFICATION INFORMATION (FORM R)

DOCUMENT CONTROL NUMBER: 1312210167033

Facility Registry System ID: 110000487241

Section 1. Reporting Year

Reporting Year: 2012

Section 2. Trade Secret Information

2.1 Trade Secret: NO

2.2 Sanitized Copy: Unsanitized

Section 3. Certification

CERTIFYING OFFICIAL'S NAME	CERTIFYING OFFICIAL'S TITLE	CERTIFYING OFFICIAL'S SIGNATURE	DATE SIGNED
CHRISTOPHER MYERS	DIRECTOR EHS	Electronic	20-JUN-13

Section 4. Facility Identification

TRI Facility ID: 97206LRGST4600S

4.1 Facility Name and Address.

Facility Information

NAME_	STREET .	<u>CITY</u>	COUNTY	STATE	ZIP CODE
PCC STRUCTURALS INC LARGE PARTS CAMPUS	4600 SE HARNEY DR	PORTLAND	MULTNOMAH	OR	97206

BIA Tribal Code Tribe

Mailing Information

NAME	STREET	<u>CITY</u>	STATE	ZIP CODE
PCC STRUCTURALS INC LARGE PARTS CAMPUS	4600 SE HARNEY DR	PORTLAND	OR	97206-

PROVINCE COUNTRY (NON - US)

NO DATA NO DATA

4.2 Facility Classification

ENTIRE FACILITY	PARTIAL FACILITY	FEDERAL FACILITY	GOCO FACILITY
YES	NO	NO	NO

4.3 Technical Contact

Not Available to the Public as this information is only for Intranet.

4.4 Public Contact

NAME	<u>PHONE</u>
CHRISTOPHER MYERS	5037773881

4.5 NAICS Codes

NAICS CODE	PRIMARY	NAICS CODE DESCRIPTION
331528	YES	Other Nonferrous Foundries (except Die-Casting)

4.7 Dun Numbers

DUNS NUMBER

5. Parent Company Information

Parent Company Name: PRECISION CASTPARTS CORP

Parent Company DUNS Number: 009027970

PART II. CHEMICAL - SPECIFIC INFORMATION

DOCUMENT CONTROL NUMBER: 1312210167033

Section 1. Toxic Chemical Identity

1.1 CAS Number: 007697372

1.2 Toxic Chemical or Chemical Category Name: NITRIC ACID

1.3 Generic Chemical Name: NA

1.4 Distribution of Each Member of the Dioxin and Dioxin like Compounds Category

NA	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	9	<u>10</u>	11	12	<u>13</u>	14	<u>15</u>	16	<u>17</u>
NO																	

Section 2. Mixture Component Identity

2.1 Supplier Provided Generic Chemical Name: NA

Section 3. Activities and Uses of the Toxic Chemical

3.1 Manufacture the Toxic Chemical:

Produce: NO	Import: NO	On-Site Use/Processing: NO
Sale/Distribution: NO	Byproduct: NO	Impurity: NO

3.2 Process the Toxic Chemical:

	Reactant: NO	Formulation Component: NO	Article Component: NO	Repackaging: NO	Impurity: NO
- 1			•		

3.3 Otherwise Use the Toxic Chemical:

Chemical Processing Aid: NO	Manufacturing Aid: YES	Ancillary or Other Use: NO

Section 4. Maximum Amount of the Toxic Chemical Onsite During the Calendar Year

Maximum Chemical Amount: 100000 to 999999

Section 5. Quantity of the Toxic Chemical Entering each Environmental Medium Onsite

5.1 Fugitive or Non-Point Air Emissions

<u>NA</u>	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
NO	2803	Pounds	O - Other Approaches

5.2 Stack or Point Air Emissions

<u>NA</u>	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
NO	175	Pounds	O - Other Approaches

5.3 Discharges to Receiving Streams or Water Bodies

NA	STREAM/WATER BODY NAME	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE	% FROM STORMWATER
NO	JOHNSON CREEK	0	Pounds	O - Other Approaches	100

5.4.1 Underground Injection Onsite to Class I Wells.

<u>NA</u>	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

5.4.2 Underground Injection Onsite to Class II-V Wells.

<u>NA</u>	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

5.5 Disposal to Land Onsite

5.5.1A RCRA Subtitle C Landfills

<u>NA</u>	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

5.5.1B Other Landfills

<u>NA</u>	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YE	3		

5.5.2 Land Treatment/Application Farming

<u>NA</u>	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

5.5.3A RCRA Subtitle C Surface Impoundments

<u>NA</u>	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

5.5.3B Other Surface Impoundments

<u>NA</u>	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

5.5.4 Other Disposal

NA	<u>.</u>	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YE	≣S			

Section 6. Transfers of the Toxic Chemical in Wastes to Off-Site Locations

6.1 Discharges to Publicly Owned Treatment Works (POTWs)

1 - NAME: COLUMBIA BOULEVARD TREATMENT	ADDRESS: 5001 N. COLUMBIA AVE
<u>CITY</u> : PORTLAND	STATE: OR
COUNTY: 97203	ZIP CODE: MULTNOMAH

TOTAL TRANSFERS (per year) UNIT OF MEASURE BASIS OF ESTIMATE 0 Pounds O - Other Approaches

2 - NAME: KELLOGG CREEK WATER POLLUTION CONTROL	ADDRESS: 11525 SE MCLOUGHLIN BLVD
CITY: MILWAUKIE	STATE: OR
COUNTY: 97222	ZIP CODE: CLACKAMAS

TOTAL TRANSFERS (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
0	Pounds	O - Other Approaches

6.2 Transfers to other Off-Site Locations

RCRA Number:	Parent Company Controlled:
Name:	Address:
City:	State:
County:	Zip Code:
Country Code (Non - US):	Province:

TOTAL TRANSFERS (per	year) UNIT OF MEASUF	REBASIS OF ESTIMATE	WASTE MANAGEMENT TYPE
NO DATA		NO DATA	NO DATA

7A.1a.	Waste	Stream:	WASTEWATER

7A.1b. WASTE TREATMENT METHOD(S) SEQUENCE

1 H121 - Neutralization

7A.1d. Waste Treatment Efficiency Estimate: Greater than 99% but less than or equal to 99.99%

7A.2a. Waste Stream: GASEOUS

7A.2b.	WASTE TREATMENT METHOD(S) SEQUENCE
1	A03 - SCRUBBER

7A.2d. Waste Treatment Efficiency Estimate: Greater than 95% but less than or equal to 99%

Section 7B. On-Site Energy Recovery Processes

ON SITE ENERGY	RECOVERY	PROCESSES
NA		

Section 7C. On-Site Recycling Processes

ON SITE RECYCLING PROCESS	ES
NA	

Section 8. Source Reduction and Recycling Activities

SECTION	TYPE OF QUANTITY	<u>UNITS</u>	<u>PRIOR</u>	CURRENT REPORTING	<u>FOLLOWING</u>	SECOND FOLLOWING
			<u>YEAR</u>	<u>YEAR</u>	<u>YEAR</u>	<u>YEAR</u>
8.1a	Total on-site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills		NA	NA	NA	NA
8.1b	Total other on-site disposal or other releases	Pounds	2978	2978	2978	2978
8.1c	Total off-site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills	Pounds	0	0	0	0
8.1d	Total other off-site disposal or other releases	Pounds	0	0	0	0
8.2	Quantity Used for Energy Recovery Onsite		NA	NA	NA	NA
8.3	Quantity Used for Energy Recovery Offsite		NA	NA	NA	NA
8.4	Quantity Recycled Onsite		NA	NA	NA	NA
8.5	Quantity Recycled Offsite		NA	NA	NA	NA
8.6	Quantity Treated Onsite	Pounds	483002	484958	484958	484958
8.7	Quantity Treated Offsite	Pounds	0	0	0	0

8.8 One-Time Event Release: NA

8.9 Production Ratio: 1.02

8.10 Source Reduction Activities

SOURCE REDUCTION	ACTIVITIES	METHOD 1	METHOD 2	METHOD 3
NA				

8.11 Additional Data Indicator: NO

Section 1. Reporting Year

Reporting Year: 2012

Section 2. Trade Secret Information

2.1 Trade Secret: NO

2.2 Sanitized Copy: Unsanitized

Section 3. Certification

CERTIFYING OFFICIAL'S NAME	CERTIFYING OFFICIAL'S TITLE	CERTIFYING OFFICIAL'S SIGNATURE	DATE SIGNED
CHRISTOPHER MYERS	DIRECTOR EHS	Electronic	12-MAR-14

Section 4. Facility Identification

TRI Facility ID: 97206LRGST4600S

4.1 Facility Name and Address.

Facility Information

<u>NAME</u>	<u>STREET</u>	<u>CITY</u>	<u>COUNTY</u>	STATE	ZIP CODE
PCC STRUCTURALS INC LARGE PARTS CAMPUS	4600 SE HARNEY DR	PORTLAND	MULTNOMAH	OR	97206

BIA Tribal Code	<u>Tribe</u>	
NO DATA	NO DATA	

Mailing Information

NAME_	<u>STREET</u>	<u>CITY</u>	STATE	ZIP CODE
PCC STRUCTURALS INC LARGE PARTS CAMPUS	4600 SE HARNEY DR	PORTLAND	OR	97206-

PROVINCE	COUNTRY (NON - US)
NO DATA	NO DATA

4.2 Facility Classification

ENTIRE FACILITY	PARTIAL FACILITY	FEDERAL FACILITY	GOCO FACILITY
YES	NO	NO	NO

4.3 Technical Contact

Not Available to the Public as this information is only for Intranet.

4.4 Public Contact

NAME	<u>PHONE</u>
CHRISTOPHER MYERS	5037773881

4.5 NAICS Codes

NAICS CODE	<u>PRIMARY</u>	NAICS CODE DESCRIPTION
331528	YES	Other Nonferrous Foundries (except Die-Casting)

4.7 Dun Numbers

DUNS NUMBER

5. Parent Company Information

Parent Company Name: PRECISION CASTPARTS CORP

Parent Company DUNS Number: 009027970

PART II. CHEMICAL - SPECIFIC INFORMATION

DOCUMENT CONTROL NUMBER: 1312210925006

Section 1. Toxic Chemical Identity

1.1 CAS Number: 007429905

1.2 Toxic Chemical or Chemical Category Name: ALUMINUM (FUME OR DUST)

1.3 Generic Chemical Name: NA

1.4 Distribution of Each Member of the Dioxin and Dioxin like Compounds Category

<u>NA</u>	1	2	<u>3</u>	4	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	9	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	<u>14</u>	<u>15</u>	<u>16</u>	<u>17</u>
NO																	

Section 2. Mixture Component Identity

2.1 Supplier Provided Generic Chemical Name: NA

Section 3. Activities and Uses of the Toxic Chemical

3.1 Manufacture the Toxic Chemical:

Produce: YES	Import: NO	On-Site Use/Processing: NO
Sale/Distribution: NO	Byproduct: YES	Impurity: NO

3.2 Process the Toxic Chemical:

Reactant: NO	Formulation Component: NO	Article Component: NO	Repackaging: NO	Impurity: NO	
		, <u> </u>			

3.3 Otherwise Use the Toxic Chemical:

Chemical Processing Aid: NO	Manufacturing Aid: YES	Ancillary or Other Use: NO
-----------------------------	------------------------	----------------------------

Section 4. Maximum Amount of the Toxic Chemical Onsite During the Calendar Year

Maximum Chemical Amount: 1000 to 9999

Section 5. Quantity of the Toxic Chemical Entering each Environmental Medium Onsite

5.1 Fugitive or Non-Point Air Emissions

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
NC	0	Pounds	O - Other Approaches

5.2 Stack or Point Air Emissions

N	<u>IA</u>	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
ı	NO	30	Pounds	O - Other Approaches

5.3 Discharges to Receiving Streams or Water Bodies

NA	STREAM/WATER BODY NAME	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE	% FROM STORMWATER
YES	NA				

<u>NA</u>	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

5.4.2 Underground Injection Onsite to Class II-V Wells.

<u>NA</u>	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF	ESTIMATE
YES				

5.5 Disposal to Land Onsite

5.5.1A RCRA Subtitle C Landfills

<u>NA</u>	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

5.5.1B Other Landfills

<u>NA</u>	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

5.5.2 Land Treatment/Application Farming

<u>NA</u>	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

5.5.3A RCRA Subtitle C Surface Impoundments

<u>NA</u>	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

$\textbf{5.5.3B} \ \underline{\textbf{Other Surface Impoundments}}$

<u>NA</u>	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

5.5.4 Other Disposal

<u>NA</u>	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

Section 6. Transfers of the Toxic Chemical in Wastes to Off-Site Locations

6.1 Discharges to Publicly Owned Treatment Works (POTWs)

1 - <u>NAME</u> :	ADDRESS:
CITY:	STATE:
COUNTY:	ZIP CODE:

TOTAL TRANSFERS (per year	UNIT OF MEASURE	BASIS OF ESTIMATE
NO DATA		NO DATA

1 RCRA Number: PAD987278082	Parent Company Controlled: YES
Name: GREENVILLE METALS INC	Address: 99 CRESTVIEW DRIVE
City: TRANSFER	State: PA
County: MERCER	Zip Code: 161542317
Country Code (Non - US):	Province:

OFFSITE AMOUNT SEQUENCE	TOTAL TRANSFERS (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE	WASTE MANAGEMENT TYPE
1	10635	Pounds	O - Other Approaches	M24 - Metals Recovery

2 RCRA Number: NA	Parent Company Controlled: NO
Name: HILLSBORO LANDFILL	Address: 3205 SE MINTER BRIDGE RD
City: HILLSBORO	State: OR
County: WASHINGTON	<u>Zip Code</u> : 97123
Country Code (Non - US):	Province:

OFFSITE AMOUNT SEQUENCE	TOTAL TRANSFERS (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE	WASTE MANAGEMENT TYPE
1	819	Pounds	O - Other Approaches	M64 - Other Landfills

3 RCRA Number: ORD987188380	Parent Company Controlled: NO
Name: WESTERN SMELTING AND METALS	Address: 1845 SE HOLMAN AVE
City: DALLAS	State: OR
County: POLK	<u>Zip Code</u> : 97338
Country Code (Non - US):	Province:

OFFSITE AM	OUNT SEQUENCE	TOTAL TRANSFERS (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE	WASTE MANAGEMENT TYPE
	1	0	Pounds	O - Other Approaches	M24 - Metals Recovery

Section 7A. On-Site Waste Treatment Methods and Efficiency

7A.1a. Waste Stream: GASEOUS

7A.1b. WASTE TREATMENT METHOD(S) SEQUENCE 1 A06 - MECHANICAL SEPARATION

 $\textbf{7A.1d.}\ \underline{\textit{Waste Treatment Efficiency Estimate}}\text{: Greater than 95\% but less than or equal to 99\%}$

Section 7B. On-Site Energy Recovery Processes

C	ON SIT	E ENER	GY REC	OVERY	PROCE	SSES
	NA					

Section 7C. On-Site Recycling Processes

ON	SITE	REC'	CLIN	IG PI	ROCE	SSES
N/	Α .					

Section 8. Source Reduction and Recycling Activities

SECTION TYPE OF QUANTITY	UNITS	<u>PRIOR</u>	CURRENT REPORTING	FOLLOWING	SECOND FOLLOWING
		<u>YEAR</u>	YEAR .	YEAR	YEAR

8.1a	Total on-site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills		NA	NA	NA	NA
8.1b	Total other on-site disposal or other releases	Pounds	46	30	30	30
8.1c	Total off-site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills	Pounds	846	819	819	819
8.1d	Total other off-site disposal or other releases	Pounds	7	NA	NA	NA
8.2	Quantity Used for Energy Recovery Onsite		NA	NA	NA	NA
8.3	Quantity Used for Energy Recovery Offsite		NA	NA	NA	NA
8.4	Quantity Recycled Onsite		NA	NA	NA	NA
8.5	Quantity Recycled Offsite	Pounds	7085	10635	10635	10635
8.6	Quantity Treated Onsite	Pounds	NA	0	NA	NA
8.7	Quantity Treated Offsite		NA	NA	NA	NA

8.8 One-Time Event Release: NA

8.9 Production Ratio: 1.02

8.10 Source Reduction Activities

SOURCE REDUCTION ACTIVITIES	METHOD 1	METHOD 2	METHOD 3
NA			

8.11 Additional Data Indicator: NO

9.1 Miscellaneous, Additional or Optional Information regarding the Form R submission

REV:Changes reflect new test data and emission factors.|TOTRL:Changes reflect new test data and emission factors|TARL:Changes reflect new test data and emission factors.

PART I. FACILITY IDENTIFICATION INFORMATION (FORM R)

DOCUMENT CONTROL NUMBER: 1312210925044

Facility Registry System ID: 110000487241

Section 1. Reporting Year

Reporting Year: 2012

Section 2. Trade Secret Information

2.1 Trade Secret: NO

2.2 Sanitized Copy: Unsanitized

Section 3. Certification

CERTIFYING OFFICIAL'S NAME	CERTIFYING OFFICIAL'S TITLE	CERTIFYING OFFICIAL'S SIGNATURE	DATE SIGNED
CHRISTOPHER MYERS	DIRECTOR EHS	Electronic	12-MAR-14

Section 4. Facility Identification

TRI Facility ID: 97206LRGST4600S

4.1 Facility Name and Address.

Facility Information

NAME_	<u>STREET</u>	<u>CITY</u>	<u>COUNTY</u>	STATE	ZIP CODE
PCC STRUCTURALS INC LARGE PARTS CAMPUS	4600 SE HARNEY DR	PORTLAND	MULTNOMAH	OR	97206

NO DATA NO DATA

Mailing Information

NAME_	STREET	<u>CITY</u>	STATE	ZIP CODE
PCC STRUCTURALS INC LARGE PARTS CAMPUS	4600 SE HARNEY DR	PORTLAND	OR	97206-

PROVINCE COUNTRY (NON - US)

NO DATA NO DATA

4.2 Facility Classification

ENTIRE FACILITY	PARTIAL FACILITY	FEDERAL FACILITY	GOCO FACILITY
YES	NO	NO	NO

4.3 Technical Contact

Not Available to the Public as this information is only for Intranet.

4.4 Public Contact

NAME_	<u>PHONE</u>
CHRISTOPHER MYERS	5037773881

4.5 NAICS Codes

NAICS CODE	<u>PRIMARY</u>	NAICS CODE DESCRIPTION
331528	YES	Other Nonferrous Foundries (except Die-Casting)

4.7 Dun Numbers

DUNS NUMBER

5. Parent Company Information

Parent Company Name: PRECISION CASTPARTS CORP

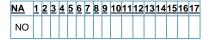
Parent Company DUNS Number: 009027970

PART II. CHEMICAL - SPECIFIC INFORMATION

DOCUMENT CONTROL NUMBER: 1312210925044

Section 1. Toxic Chemical Identity

- 1.1 CAS Number: 007440473
- 1.2 Toxic Chemical or Chemical Category Name: CHROMIUM
- 1.3 Generic Chemical Name: NA
- 1.4 Distribution of Each Member of the Dioxin and Dioxin like Compounds Category



Section 2. Mixture Component Identity

2.1 Supplier Provided Generic Chemical Name: NA

Section 3. Activities and Uses of the Toxic Chemical

3.1 Manufacture the Toxic Chemical:

Produce: NO	Import: NO	On-Site Use/Processing: NO
Sale/Distribution: NO	Byproduct: NO	Impurity: NO

3.2 Process the Toxic Chemical:

Reactant: NO	Formulation Component: YES	Article Component: NO	Repackaging: NO	Impurity: NO	
	· ·	•			

3.3 Otherwise Use the Toxic Chemical:

Chemical Processing Aid: NO	Manufacturing Aid: NO	Ancillary or Other Use: NO

Section 4. Maximum Amount of the Toxic Chemical Onsite During the Calendar Year

Maximum Chemical Amount: 100000 to 999999

Section 5. Quantity of the Toxic Chemical Entering each Environmental Medium Onsite

5.1 Fugitive or Non-Point Air Emissions

<u>NA</u>	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
NO	0	Pounds	O - Other Approaches

5.2 Stack or Point Air Emissions

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
NO	20	Pounds	O - Other Approaches

5.3 Discharges to Receiving Streams or Water Bodies

<u>NA</u>	STREAM/WATER BODY NAME	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE	% FROM STORMWATER
NO	JOHNSON CREEK	9	Pounds	O - Other Approaches	100

5.4.1 Underground Injection Onsite to Class I Wells.

<u>NA</u>	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

5.4.2 Underground Injection Onsite to Class II-V Wells.

<u>NA</u>	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

5.5 Disposal to Land Onsite

5.5.1A RCRA Subtitle C Landfills

<u>NA</u>	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

5.5.1B Other Landfills

<u>NA</u>	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YE	3		

5.5.2 Land Treatment/Application Farming

<u>NA</u>	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

5.5.3A RCRA Subtitle C Surface Impoundments

<u>NA</u>	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

5.5.3B Other Surface Impoundments

<u>NA</u>	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

5.5.4 Other Disposal

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

Section 6. Transfers of the Toxic Chemical in Wastes to Off-Site Locations

6.1 Discharges to Publicly Owned Treatment Works (POTWs)

1 - NAME: COLUMBIA BOULEVARD TREATMENT	ADDRESS: 5001 N. COLUMBIA AVE
<u>CITY</u> : PORTLAND	STATE: OR
COUNTY: 97203	ZIP CODE: MULTNOMAH

TOTAL TRANSFERS (per year) UNIT OF MEASURE BASIS OF ESTIMATE 25 Pounds O - Other Approaches

2 - NAME: KELLOGG CREEK WATER POLLUTION CONTROL	ADDRESS: 11525 SE MCLOUGHLIN BLVD
CITY: MILWAUKIE	STATE: OR
COUNTY: 97222	ZIP CODE: CLACKAMAS

TOTAL TRANSFERS (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
0	Pounds	O - Other Approaches

6.2 Transfers to other Off-Site Locations

3 RCRA Number: PAD987278082	Parent Company Controlled: YES
Name: GREENVILLE METALS INC	Address: 99 CRESTVIEW DRIVE
City: TRANSFER	State: PA
County: MERCER	Zip Code: 161542317
Country Code (Non - US):	Province:

OFFSITE AMOUNT SEQUENCE	TOTAL TRANSFERS (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE	WASTE MANAGEMENT TYPE
1	74542	Pounds	O - Other Approaches	M24 - Metals Recovery

4 RCRA Number: NA	Parent Company Controlled: NO

Name: HILLSBORO LANDFILL	Address: 3205 SE MINTER BRIDGE RD
City: HILLSBORO	State: OR
County: WASHINGTON	<u>Zip Code</u> : 97123
Country Code (Non - US):	Province:

OFFSITE AMOUNT SEQUENCE	TOTAL TRANSFERS (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE	WASTE MANAGEMENT TYPE
1	3110	Pounds	O - Other Approaches	M64 - Other Landfills

5 RCRA Number: ORD987188380	Parent Company Controlled: NO
Name: WESTERN SMELTING AND METALS	Address: 1845 SE HOLMAN AVE
City: DALLAS	State: OR
County: POLK	<u>Zip Code</u> : 97338
Country Code (Non - US):	Province:

OFFSITE AMOUNT SEQUENCE	TOTAL TRANSFERS (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE	WASTE MANAGEMENT TYPE
1	10021	Pounds	O - Other Approaches	M24 - Metals Recovery

6 RCRA Number: NA	Parent Company Controlled: YES
Name: CALEDONIAN ALLOYS	Address: 9800 SE MCBROD AVE
City: MILWAUKIE	State: OR
County: CLACKAMAS	<u>Zip Code</u> : 97222
Country Code (Non - US):	Province:

OFFSITE AMOUNT SEQUENCE	TOTAL TRANSFERS (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE	WASTE MANAGEMENT TYPE	
1	902071	Pounds	O - Other Approaches	M24 - Metals Recovery	

7 RCRA Number: ORD980975692	Parent Company Controlled: NO
Name: ORRCO FUEL PROCESSORS	Address: 4150 NORTH SUTTLE ROAD
City: PORTLAND	State: OR
County: MULTNOMAH	<u>Zip Code</u> : 972177717
Country Code (Non - US):	Province:

OFFSITE AMOUNT SEQUENCE TOTAL TRANSFERS (per year)		UNIT OF MEASURE	BASIS OF ESTIMATE	WASTE MANAGEMENT TYPE
1	0	Pounds	O - Other Approaches	M94 - Transfer to Waste Broker-Disposal

8 RCRA Number: ORQ000025197	Parent Company Controlled: NO			
Name: THERMO FLUIDS INC	Address: 12533 SE CARPENTER DRIVE			
City: CLACKAMAS	State: OR			
County: CLACKAMAS	<u>Zip Code</u> : 97015			
Country Code (Non - US):	Province:			

OFFSITE AMOUNT SEQUENCE	TOTAL TRANSFERS (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE	WASTE MANAGEMENT TYPE
1	6	Pounds	O - Other Approaches	M94 - Transfer to Waste Broker-Disposal

Section 7A. On-Site Waste Treatment Methods and Efficiency

7A.1a. Waste Stream: SOLID WASTE STREAMS

7A.1b. WASTE TREATMENT METHOD(S) SEQUENCE

1 H101 - Sludge treatment and/or dewatering

7A.1d. Waste Treatment Efficiency Estimate: Greater than 50% but less than or equal to 95%

7A.2a. Waste Stream: WASTEWATER

7A.2b. WASTE TREATMENT METHOD(S) SEQUENCE 1 H123 - Settling or clarification

7A.2d. Waste Treatment Efficiency Estimate: Greater than 50% but less than or equal to 95%

7A.3a. Waste Stream: GASEOUS

7A.3b. WASTE TREATMENT METHOD(S) SEQUENCE 1 A06 - MECHANICAL SEPARATION

7A.3d. Waste Treatment Efficiency Estimate: Greater than 95% but less than or equal to 99%

7A.4a. Waste Stream: SOLID WASTE STREAMS

7A.4b. WASTE TREATMENT METHOD(S) SEQUENCE 1 H129 - Other treatment

7A.4d. Waste Treatment Efficiency Estimate: Equal to or greater than 0% but less than or equal to 50%

Section 7B. On-Site Energy Recovery Processes

ON SIT	E ENERGY	RECOVERY	PROCESSES
NA			

Section 7C. On-Site Recycling Processes

ON SITE RECYCLING PROCESSES

NA

Section 8. Source Reduction and Recycling Activities

SECTION	TYPE OF QUANTITY	<u>UNITS</u>	<u>PRIOR</u>	CURRENT REPORTING	<u>FOLLOWING</u>	SECOND FOLLOWING
			<u>YEAR</u>	<u>YEAR</u>	<u>YEAR</u>	<u>YEAR</u>
8.1a	Total on-site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills		NA	NA	NA	NA
8.1b	Total other on-site disposal or other releases	Pounds	25	29	29	29
8.1c	Total off-site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills	Pounds	2599	3110	3110	3110
8.1d	Total other off-site disposal or other releases	Pounds	57	31	31	31
8.2	Quantity Used for Energy Recovery Onsite		NA	NA	NA	NA
8.3	Quantity Used for Energy Recovery Offsite		NA	NA	NA	NA
8.4	Quantity Recycled Onsite		NA	NA	NA	NA
8.5	Quantity Recycled Offsite	Pounds	952029	986634	986634	986634
8.6	Quantity Treated Onsite		NA	NA	NA	NA
8.7	Quantity Treated Offsite		NA	NA	NA	NA

8.10 Source Reduction Activities

SOURCE REDUCTION ACTIVITIES M	METHOD 1	METHOD 2	METHOD 3
NA			

8.11 Additional Data Indicator: NO

9.1 Miscellaneous, Additional or Optional Information regarding the Form R submission

REV:Changes reflect new test data and emission factors.|TARL:Changes reflect new test data and emission factors.|TOTRL:Changes reflect new test data and emission factors.

PART I. FACILITY IDENTIFICATION INFORMATION (FORM R)

DOCUMENT CONTROL NUMBER: 1312210925071

Facility Registry System ID: 110000487241

Section 1. Reporting Year

Reporting Year: 2012

Section 2. Trade Secret Information

2.1 Trade Secret: NO

2.2 Sanitized Copy: Unsanitized

Section 3. Certification

CERTIFYING OFFICIAL'S NAME	CERTIFYING OFFICIAL'S TITLE	CERTIFYING OFFICIAL'S SIGNATURE	DATE SIGNED
CHRISTOPHER MYERS	DIRECTOR EHS	Electronic	12-MAR-14

Section 4. Facility Identification

TRI Facility ID: 97206LRGST4600S

4.1 Facility Name and Address.

Facility Information

NAME		<u>STREET</u>	CITY COUNTY		STATE ZIP CODE	
	PCC STRUCTURALS INC LARGE PARTS CAMPUS	4600 SE HARNEY DR	PORTLAND	MULTNOMAH	OR	97206

BIA Tribal Code Tribe NO DATA NO DATA

Mailing Information

NAME_	STREET_	<u>CITY</u>	STATE	ZIP CODE
PCC STRUCTURALS INC LARGE PARTS CAMPUS	4600 SE HARNEY DR	PORTLAND	OR	97206-

NO DATA NO DATA

4.2 Facility Classification

YES NO NO NO NO

4.3 Technical Contact

Not Available to the Public as this information is only for Intranet.

4.4 Public Contact

NAME	<u>PHONE</u>
CHRISTOPHER MYERS	5037773881

4.5 NAICS Codes

NAICS CODE	PRIMARY	NAICS CODE DESCRIPTION
331528	YES	Other Nonferrous Foundries (except Die-Casting)

4.7 Dun Numbers

DUNS NUMBER

5. Parent Company Information

Parent Company Name: PRECISION CASTPARTS CORP

Parent Company DUNS Number: 009027970

PART II. CHEMICAL - SPECIFIC INFORMATION

DOCUMENT CONTROL NUMBER: 1312210925071

Section 1. Toxic Chemical Identity

1.1 CAS Number: 007440484

1.2 Toxic Chemical or Chemical Category Name: COBALT

1.3 Generic Chemical Name: NA

1.4 Distribution of Each Member of the Dioxin and Dioxin like Compounds Category

<u>NA</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	11	12	<u>13</u>	14	15	<u>16</u>	<u>17</u>
NO																	

Section 2. Mixture Component Identity

2.1 Supplier Provided Generic Chemical Name: NA

Section 3. Activities and Uses of the Toxic Chemical

3.1 Manufacture the Toxic Chemical:

Produce: NO	Import: NO	On-Site Use/Processing: NO
Sale/Distribution: NO	Byproduct: NO	Impurity: NO

3.2 Process the Toxic Chemical:

Reactant: NO	Formulation Component: YES	Article Component: NO	Repackaging: NO	Impurity: NO

3.3 Otherwise Use the Toxic Chemical:

Chemical Processing Aid: NO	Manufacturing Aid: NO	Ancillary or Other Use: NO
Chemical Processing Aid. NO	ivianulaciuming Alu. NO	Afficiliary of Other Use. NO

Section 4. Maximum Amount of the Toxic Chemical Onsite During the Calendar Year

Maximum Chemical Amount: 10000 to 99999

Section 5. Quantity of the Toxic Chemical Entering each Environmental Medium Onsite

5.1	Fugitive of	or Non-	Point A	ir Fm	nissions

NA	TOT	AL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE	
N)	0	Pounds	O - Other Approaches	

5.2 Stack or Point Air Emissions

<u>NA</u>		TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
	NO	17	Pounds	O - Other Approaches

5.3 Discharges to Receiving Streams or Water Bodies

<u>NA</u>	STREAM/WATER BODY NAME	TOTAL RELEASE (per year)	<u>UNIT OF MEASURE</u>	BASIS OF ESTIMATE	% FROM STORMWATER
NO	JOHNSON CREEK	0	Pounds	O - Other Approaches	100

5.4.1 <u>Underground Injection Onsite to Class I Wells.</u>

<u>NA</u>	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

5.4.2 Underground Injection Onsite to Class II-V Wells.

<u>NA</u>	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

5.5 Disposal to Land Onsite

5.5.1A RCRA Subtitle C Landfills

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES	3		

5.5.1B Other Landfills

<u>NA</u>	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

5.5.2 Land Treatment/Application Farming

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

5.5.3A RCRA Subtitle C Surface Impoundments

<u>NA</u>	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

5.5.3B Other Surface Impoundments

<u>NA</u>	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

<u>NA</u>	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

Section 6. Transfers of the Toxic Chemical in Wastes to Off-Site Locations

6.1 Discharges to Publicly Owned Treatment Works (POTWs)

1 - NAME: COLUMBIA BOULEVARD TREATMENT	ADDRESS: 5001 N. COLUMBIA AVE	
CITY: PORTLAND	STATE: OR	
COUNTY: 97203	ZIP CODE: MULTNOMAH	

TOTAL TRANSFERS (per year) UNIT OF MEASURE BASIS OF ESTIMATE 8 Pounds O - Other Approaches

2 - NAME: KELLOGG CREEK WATER POLLUTION CONTROL	ADDRESS: 11525 SE MCLOUGHLIN BLVD
CITY: MILWAUKIE	STATE: OR
COUNTY: 97222	ZIP CODE: CLACKAMAS

TOTAL TRANSFERS (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
0	Pounds	O - Other Approaches

6.2 Transfers to other Off-Site Locations

3 RCRA Number: PAD987278082	Parent Company Controlled: YES
Name: GREENVILLE METALS INC	Address: 99 CRESTVIEW DRIVE
City: TRANSFER	State: PA
County: MERCER	Zip Code: 161542317
Country Code (Non - US):	Province:

OFFSITE AMOUNT SEQUENCE	TOTAL TRANSFERS (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE	WASTE MANAGEMENT TYPE
1	8191	Pounds	O - Other Approaches	M24 - Metals Recovery

4 RCRA Number: NA	Parent Company Controlled: NO
Name: HILLSBORO LANDFILL	Address: 3205 SE MINTER BRIDGE RD
City: HILLSBORO	State: OR
County: WASHINGTON	<u>Zip Code</u> : 97123
Country Code (Non - US):	Province:

OFFSITE AMOUNT SEQUENCE	TOTAL TRANSFERS (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE	WASTE MANAGEMENT TYPE
1	342	Pounds	O - Other Approaches	M64 - Other Landfills

5 <u>RCRA Number</u> : ORQ000025197	Parent Company Controlled: NO
Name: THERMO FLUIDS INC	Address: 12533 SE CARPENTER DRIVE
City: CLACKAMAS	State: OR
County: CLACKAMAS	<u>Zip Code</u> : 97015
Country Code (Non - US):	Province:

OFFSITE AMOUNT SEQUENCE	TOTAL TRANSFERS (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE	WASTE MANAGEMENT TYPE
1	2	Pounds	O - Other Approaches	M94 - Transfer to Waste Broker-Disposal

6 RCRA Number: ORD987188380	Parent Company Controlled: NO
Name: WESTERN SMELTING AND METALS	Address: 1845 SE HOLMAN AVE
City: DALLAS	State: OR
County: POLK	<u>Zip Code</u> : 97338
Country Code (Non - US):	Province:

OFFSITE AMOUNT SEQUENCE	TOTAL TRANSFERS (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE	WASTE MANAGEMENT TYPE
1	914	Pounds	O - Other Approaches	M24 - Metals Recovery

7 RCRA Number: NA	Parent Company Controlled: YES
Name: CALEDONIAN ALLOYS	Address: 9800 SE MCBROD AVE
City: MILWAUKIE	State: OR
County: CLACKAMAS	<u>Zip Code</u> : 97222
Country Code (Non - US):	Province:

OFFSITE AMOUNT SEQUENCE	TOTAL TRANSFERS (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE	WASTE MANAGEMENT TYPE
1	168204	Pounds	O - Other Approaches	M24 - Metals Recovery

8 RCRA Number: ORD980975692	Parent Company Controlled: NO
Name: ORRCO FUEL PROCESSORS	Address: 4150 NORTH SUTTLE ROAD
City: PORTLAND	State: OR
County: MULTNOMAH	<u>Zip Code</u> : 972177717
Country Code (Non - US):	Province:

OFFSITE AMOUNT SEQUENCE	TOTAL TRANSFERS (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE	WASTE MANAGEMENT TYPE
1	0	Pounds	O - Other Approaches	M94 - Transfer to Waste Broker-Disposal

Section 7A. On-Site Waste Treatment Methods and Efficiency

7A.1a. Waste Stream: SOLID WASTE STREAMS

7A.1b. WASTE TREATMENT METHOD(S) SEQUENCE

1 H101 - Sludge treatment and/or dewatering

 $\textbf{7A.1d.}\ \underline{\textbf{Waste Treatment Efficiency Estimate}}\text{: Greater than 50\% but less than or equal to 95\%}$

7A.2a. Waste Stream: WASTEWATER

7A.2b. WASTE TREATMENT METHOD(S) SEQUENCE

1 H123 - Settling or clarification

 $\textbf{7A.2d.}\ \underline{\textbf{Waste Treatment Efficiency Estimate}}\text{: Greater than 50\% but less than or equal to 95\%}$

7A.3a. Waste Stream: GASEOUS

7A.3b. WASTE TREATMENT METHOD(S) SEQUENCE

1 A06 - MECHANICAL SEPARATION

7A.4a. Waste Stream: SOLID WASTE STREAMS

7A.4b. WASTE TREATMENT METHOD(S) SEQUENCE

1 H129 - Other treatment

7A.4d. Waste Treatment Efficiency Estimate: Equal to or greater than 0% but less than or equal to 50%

Section 7B. On-Site Energy Recovery Processes

ON SITE ENERGY RECOVERY PROCE	SSES
NA	

Section 7C. On-Site Recycling Processes

ON SITE RECYCLING PRO	CESSES
NA	

Section 8. Source Reduction and Recycling Activities

SECTION	TYPE OF QUANTITY	<u>UNITS</u>	<u>PRIOR</u>	CURRENT REPORTING	FOLLOWING	SECOND FOLLOWING
			<u>YEAR</u>	<u>YEAR</u>	<u>YEAR</u>	<u>YEAR</u>
8.1a	Total on-site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills		NA	NA	NA	NA
8.1b	Total other on-site disposal or other releases	Pounds	16	17	17	17
8.1c	Total off-site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills	Pounds	287	342	342	342
8.1d	Total other off-site disposal or other releases	Pounds	10	10	10	10
8.2	Quantity Used for Energy Recovery Onsite		NA	NA	NA	NA
8.3	Quantity Used for Energy Recovery Offsite		NA	NA	NA	NA
8.4	Quantity Recycled Onsite		NA	NA	NA	NA
8.5	Quantity Recycled Offsite	Pounds	166868	177309	177309	177309
8.6	Quantity Treated Onsite		NA	NA	NA	NA
8.7	Quantity Treated Offsite		NA	NA	NA	NA

8.8	One-	<u>Time</u>	Event	Release:	NΑ

8.9 Production Ratio: 1.02

8.10 Source Reduction Activities

SOURCE REDUCTION ACTIVITIES	METHOD 1	METHOD 2	METHOD 3
NA			

8.11 Additional Data Indicator: NO

 $\textbf{9.1} \ \text{Miscellaneous}, \ \text{Additional or Optional Information regarding the Form R submission}$

REV:Changes reflect new test data and emission factors.|TARL:Changes reflect new test data and emission factors.

PART I. FACILITY IDENTIFICATION INFORMATION (FORM R)

DOCUMENT CONTROL NUMBER: 1312210925095

Section 1. Reporting Year

Reporting Year: 2012

Section 2. Trade Secret Information

2.1 Trade Secret: NO

2.2 Sanitized Copy: Unsanitized

Section 3. Certification

CERTIFYING OFFICIAL'S NAME	CERTIFYING OFFICIAL'S TITLE	CERTIFYING OFFICIAL'S SIGNATURE	DATE SIGNED
CHRISTOPHER MYERS	DIRECTOR EHS	Electronic	12-MAR-14

Section 4. Facility Identification

TRI Facility ID: 97206LRGST4600S

4.1 Facility Name and Address.

Facility Information

NAME_	9	STREET	<u>CITY</u>	COUNTY	STATE.	ZIP CODE
PCC STRUCTURALS INC LA	RGE PARTS CAMPUS	4600 SE HARNEY DR	PORTLAND	MULTNOMAH	OR	97206

BIA Tribal Code	<u>Tribe</u>
NO DATA	NO DATA

Mailing Information

NAME_	<u>STREET</u>	<u>CITY</u>	STATE	ZIP CODE
PCC STRUCTURALS INC LARGE PARTS CAMPUS	4600 SE HARNEY DR	PORTLAND	OR	97206-

PROVINCE	COUNTRY (NON - US)
NO DATA	NO DATA

4.2 Facility Classification

ENTIRE FACILITY	PARTIAL FACILITY	FEDERAL FACILITY	GOCO FACILITY
YES	NO	NO	NO

4.3 Technical Contact

Not Available to the Public as this information is only for Intranet.

4.4 Public Contact

NAME_	PHONE		
CHRISTOPHER MYERS	5037773881		

4.5 NAICS Codes

NAICS CODE	<u>PRIMARY</u>	NAICS CODE DESCRIPTION
331528	YES	Other Nonferrous Foundries (except Die-Casting)

4.7 Dun Numbers

DUNS NUMBER

5. Parent Company Information

Parent Company Name: PRECISION CASTPARTS CORP

Parent Company DUNS Number: 009027970

PART II. CHEMICAL - SPECIFIC INFORMATION

DOCUMENT CONTROL NUMBER: 1312210925095

Section 1. Toxic Chemical Identity

1.1 CAS Number: 007440508

1.2 Toxic Chemical or Chemical Category Name: COPPER

1.3 Generic Chemical Name: NA

1.4 Distribution of Each Member of the Dioxin and Dioxin like Compounds Category

<u>NA</u>	1	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	11	12	<u>13</u>	14	<u>15</u>	16	<u>17</u>
NO																	

Section 2. Mixture Component Identity

2.1 Supplier Provided Generic Chemical Name: NA

Section 3. Activities and Uses of the Toxic Chemical

3.1 Manufacture the Toxic Chemical:

Produce: NO	Import: NO	On-Site Use/Processing: NO
Sale/Distribution: NO	Byproduct: NO	Impurity: NO

3.2 Process the Toxic Chemical:

Reactant: NO	Formulation Component: YES	Article Component: NO	Repackaging: NO	Impurity: NO	

3.3 Otherwise Use the Toxic Chemical:

Chemical Processing Aid: NO	Manufacturing Aid: NO	Ancillary or Other Use: NO
-----------------------------	-----------------------	----------------------------

Section 4. Maximum Amount of the Toxic Chemical Onsite During the Calendar Year

Maximum Chemical Amount: 10000 to 99999

Section 5. Quantity of the Toxic Chemical Entering each Environmental Medium Onsite

5.1 Fugitive or Non-Point Air Emissions

<u>NA</u>	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
NO	0	Pounds	O - Other Approaches

5.2 Stack or Point Air Emissions

<u>NA</u>	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
NC	9	Pounds	O - Other Approaches

5.3 Discharges to Receiving Streams or Water Bodies

<u>NA</u>	STREAM/WATER BODY NAME	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE	% FROM STORMWATER
NO	JOHNSON CREEK	8	Pounds	O - Other Approaches	100

5.4.1 <u>Underground Injection Onsite to Class I Wells.</u>

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

5.4.2 Underground Injection Onsite to Class II-V Wells.

<u>NA</u>	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

5.5 Disposal to Land Onsite

5.5.1A RCRA Subtitle C Landfills

<u>NA</u>	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

5.5.1B Other Landfills

<u>NA</u>	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

5.5.2 Land Treatment/Application Farming

<u>NA</u>	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

5.5.3A RCRA Subtitle C Surface Impoundments

<u>NA</u>	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

$\textbf{5.5.3B} \ \underline{\textbf{Other Surface Impoundments}}$

<u>NA</u>	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

5.5.4 Other Disposal

<u>NA</u>	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

Section 6. Transfers of the Toxic Chemical in Wastes to Off-Site Locations

6.1 <u>Discharges to Publicly Owned Treatment Works (POTWs)</u>

1 - NAME: COLUMBIA BOULEVARD TREATMENT	ADDRESS: 5001 N. COLUMBIA AVE
<u>CITY</u> : PORTLAND	STATE: OR
<u>COUNTY</u> : 97203	ZIP CODE: MULTNOMAH

TOTAL TRANSFERS (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
11	Pounds	O - Other Approaches

<u>CITY</u> : MILWAUKIE	STATE: OR
<u>COUNTY</u> : 97222	ZIP CODE: CLACKAMAS

TOTAL TRANSFERS (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
0	Pounds	O - Other Approaches

6.2 Transfers to other Off-Site Locations

3 RCRA Number: PAD987278082	Parent Company Controlled: YES
Name: GREENVILLE METALS INC	Address: 99 CRESTVIEW DRIVE
City: TRANSFER	State: PA
County: MERCER	Zip Code: 161542317
Country Code (Non - US):	Province:

OFFSITE AMOUNT SEQUENCE	TOTAL TRANSFERS (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE	WASTE MANAGEMENT TYPE
1	2390	Pounds	O - Other Approaches	M24 - Metals Recovery

4 RCRA Number: NA	Parent Company Controlled: NO	
Name: HILLSBORO LANDFILL	Address: 3205 SE MINTER BRIDGE RD	
City: HILLSBORO	State: OR	
County: WASHINGTON	<u>Zip Code</u> : 97123	
Country Code (Non - US):	Province:	

OFFSITE AMOUNT SEQUENCE	TOTAL TRANSFERS (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE	WASTE MANAGEMENT TYPE
1	61	Pounds	O - Other Approaches	M64 - Other Landfills

5 RCRA Number: ORD987188380	Parent Company Controlled: NO	
Name: WESTERN SMELTING AND METALS	Address: 1845 SE HOLMAN AVE	
City: DALLAS	State: OR	
County: POLK	<u>Zip Code</u> : 97338	
Country Code (Non - US):	Province:	

OFFSITE AMOUNT SEQUENCE	TOTAL TRANSFERS (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE	WASTE MANAGEMENT TYPE
1	267	Pounds	O - Other Approaches	M24 - Metals Recovery

6 RCRA Number: ORQ000025197	Parent Company Controlled: NO
Name: THERMO FLUIDS INC	Address: 12533 SE CARPENTER DRIVE
City: CLACKAMAS	State: OR
County: CLACKAMAS	<u>Zip Code</u> : 97015
Country Code (Non - US):	Province:

OFFSITE AMOUNT SEQUENCE	TOTAL TRANSFERS (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE	WASTE MANAGEMENT TYPE
1	0	Pounds	O - Other Approaches	M94 - Transfer to Waste Broker-Disposal

7 RCRA Number: NA	Parent Company Controlled: YES

Name: CALEDONIAN ALLOYS	Address: 9800 SE MCBROD AVE
City: MILWAUKIE	State: OR
County: CLACKAMAS	<u>Zip Code</u> : 97222
Country Code (Non - US):	Province:

OFFSITE AMOUNT SEQUENCE	TOTAL TRANSFERS (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE	WASTE MANAGEMENT TYPE
1	19297	Pounds	O - Other Approaches	M24 - Metals Recovery

8 RCRA Number: ORD980975692	Parent Company Controlled: NO
Name: ORRCO FUEL PROCESSORS	Address: 4150 NORTH SUTTLE ROAD
City: PORTLAND	State: OR
County: MULTNOMAH	<u>Zip Code</u> : 972177717
Country Code (Non - US):	Province:

C	FFSITE AMOUNT SEQUENCE	TOTAL TRANSFERS (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE	WASTE MANAGEMENT TYPE
	1	0	Pounds	O - Other Approaches	M94 - Transfer to Waste Broker-Disposal

Section 7A. On-Site Waste Treatment Methods and Efficiency

7A.1a. Waste Stream: WASTEWATER

7A.1b. WASTE TREATMENT METHOD(S) SEQUENCE 1 H123 - Settling or clarification

 $\textbf{7A.1d.}\ \underline{\textbf{Waste Treatment Efficiency Estimate}}\text{: Greater than 50\% but less than or equal to 95\%}$

7A.2a. Waste Stream: SOLID WASTE STREAMS

7A.2b. WASTE TREATMENT METHOD(S) SEQUENCE 1 H129 - Other treatment

7A.2d. Waste Treatment Efficiency Estimate: Equal to or greater than 0% but less than or equal to 50%

7A.3a. Waste Stream: SOLID WASTE STREAMS

7A.3b. WASTE TREATMENT METHOD(S) SEQUENCE 1 H101 - Sludge treatment and/or dewatering

7A.3d. Waste Treatment Efficiency Estimate: Greater than 50% but less than or equal to 95%

7A.4a. Waste Stream: GASEOUS

7A.4b. WASTE TREATMENT METHOD(S) SEQUENCE 1 A06 - MECHANICAL SEPARATION

7A.4d. Waste Treatment Efficiency Estimate: Greater than 95% but less than or equal to 99%

Section 7B. On-Site Energy Recovery Processes

ON SITE ENERGY RECOVERY PROCESSES

NA

Section 7C. On-Site Recycling Processes

ON SITE RECYCLING PROCESSES

NΑ

Section 8. Source Reduction and Recycling Activities

SECTION	TYPE OF QUANTITY	<u>UNITS</u>	<u>PRIOR</u>	CURRENT REPORTING	<u>FOLLOWING</u>	SECOND FOLLOWING
			<u>YEAR</u>	<u>YEAR</u>	YEAR	<u>YEAR</u>
8.1a	Total on-site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills		NA	NA	NA	NA
8.1b	Total other on-site disposal or other releases	Pounds	15	17	17	17
8.1c	Total off-site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills	Pounds	65	61	61	61
8.1d	Total other off-site disposal or other releases	Pounds	3	11	11	11
8.2	Quantity Used for Energy Recovery Onsite		NA	NA	NA	NA
8.3	Quantity Used for Energy Recovery Offsite		NA	NA	NA	NA
8.4	Quantity Recycled Onsite		NA	NA	NA	NA
8.5	Quantity Recycled Offsite	Pounds	27053	21954	21954	21954
8.6	Quantity Treated Onsite		NA	NA	NA	NA
8.7	Quantity Treated Offsite		NA	NA	NA	NA

8.8 One-Time Event Release: NA

8.9 Production Ratio: 1.02

8.10 Source Reduction Activities

SOURCE REDUCTION ACTIVITIES	METHOD 1	METHOD 2	METHOD 3
NA			

8.11 Additional Data Indicator: NO

9.1 Miscellaneous, Additional or Optional Information regarding the Form R submission

REV:Changes reflect new test data and emission factors.

PART I. FACILITY IDENTIFICATION INFORMATION (FORM R)

DOCUMENT CONTROL NUMBER: 1312210925107

Facility Registry System ID: 110000487241

Section 1. Reporting Year

Reporting Year: 2012

Section 2. Trade Secret Information

2.1 Trade Secret: NO

2.2 Sanitized Copy: Unsanitized

Section 3. Certification

CERTIFYING OFFICIAL'S NAME	CERTIFYING OFFICIAL'S TITLE	CERTIFYING OFFICIAL'S SIGNATURE	DATE SIGNED
CHRISTOPHER MYERS	DIRECTOR EHS	Electronic	12-MAR-14

Section 4. Facility Identification

TRI Facility ID: 97206LRGST4600S

4.1 Facility Name and Address.

Facility Information

NAME_	STREET	<u>CITY</u>	COUNTY	STATE	ZIP CODE	
PCC STRUCTURALS INC LARGE PARTS CAMPUS	4600 SE HARNEY DR	PORTLAND	MULTNOMAH	OR	97206	

ı	BIA Tribal Code	<u>Tribe</u>
	NO DATA	NO DATA

Mailing Information

NAME_	<u>STREET</u>	<u>CITY</u>	STATE	ZIP CODE	
PCC STRUCTURALS INC LARGE PARTS CAMPUS	4600 SE HARNEY DR	PORTLAND	OR	97206-	

NO DATA NO DATA

4.2 Facility Classification

ENTIRE FACILITY	PARTIAL FACILITY	FEDERAL FACILITY	GOCO FACILITY
YES	NO	NO	NO

4.3 Technical Contact

Not Available to the Public as this information is only for Intranet.

4.4 Public Contact

NAME	<u>PHONE</u>
CHRISTOPHER MYERS	5037773881

4.5 NAICS Codes

1	NAICS CODE	PRIMARY	NAICS CODE DESCRIPTION
	331528	YES	Other Nonferrous Foundries (except Die-Casting)

4.7 Dun Numbers

DUNS NUMBER

5. Parent Company Information

Parent Company Name: PRECISION CASTPARTS CORP

Parent Company DUNS Number: 009027970

PART II. CHEMICAL - SPECIFIC INFORMATION

DOCUMENT CONTROL NUMBER: 1312210925107

Section 1. Toxic Chemical Identity

1.1 CAS Number: 007440020

1.2 Toxic Chemical or Chemical Category Name: NICKEL

1.3 Generic Chemical Name: NA

1.4 Distribution of Each Member of the Dioxin and Dioxin like Compounds Category

NA 1 2 3 4 5 6 7 8 9 1011121314151617

NO								
Section 2. Mixture Comp	Section 2. Mixture Component Identity							
2.1 Supplier Provided Ger	neric Chemical	Name: NA						
Section 3. Activities and	d Uses of the T	Toxic Chemical						
3.1 Manufacture the Toxic	c Chemical:							
Produce: NO	mport: NO	On-Site Use/Pro	ocessing: NO					
Sale/Distribution: NO B	Syproduct: NO	Impurity: NO						
3.2 Process the Toxic Che Reactant: NO Formulat 3.3 Otherwise Use the To	tion Componen	nt: YES Article C	Component: NO	Repackagin	ng: NO	Impurity: NO		
Chemical Processing Aid	d: NO Manufa	cturing Aid: NO	Ancillary or Oth	er Use: NO				
Section 4. Maximum Am Maximum Chemical Amou Section 5. Quantity of the 5.1 Fugitive or Non-Point	unt: 100000 to s	999999						
NA TOTAL RELEASE	(per year)UNIT	Γ OF MEASURE	BASIS OF ESTI	MATE				
NO	3	Pounds	O - Other Appro	paches				
5.2 Stack or Point Air Emi		OF MEASURE	RASIS OF ESTI	MATE				
NO NO	276	Pounds	O - Other Appro					
5.3 Discharges to Receivi			- (155540	NO OF FOTUM	ATE 04 E	ROM STORMWATER
NO JOHNSON CREEK		OTAL RELEASE	16	Pounds		Other Approa		100
5.4.1 Underground Injection Onsite to Class I Wells. NA TOTAL RELEASE (per year) UNIT OF MEASURE BASIS OF ESTIMATE YES								
5.4.2 Underground Injection Onsite to Class II-V Wells. NA TOTAL RELEASE (per year) UNIT OF MEASURE BASIS OF ESTIMATE								
YES TOTAL RELEASE	. (per year)UNI	I. OI WILAGURE	DAGIO OF EST	INTO I E				
5.5 Disposal to Land On 5.5.1A RCRA Subtitle C L								
NA TOTAL RELEASE	(per year)UNI	IT OF MEASURE	BASIS OF EST	<u> IMATE</u>				
YES								

5.5.1B Other Landfills

NA	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

5.5.2 Land Treatment/Application Farming

<u>NA</u>	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

5.5.3A RCRA Subtitle C Surface Impoundments

<u>NA</u>	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

5.5.3B Other Surface Impoundments

<u>NA</u>	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

5.5.4 Other Disposal

<u>NA</u>	TOTAL RELEASE (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
YES			

Section 6. Transfers of the Toxic Chemical in Wastes to Off-Site Locations

6.1 Discharges to Publicly Owned Treatment Works (POTWs)

1 - NAME: COLUMBIA BOULEVARD TREATMENT	ADDRESS: 5001 N. COLUMBIA AVE
CITY: PORTLAND	STATE: OR
<u>COUNTY</u> : 97203	ZIP CODE: MULTNOMAH

TOTAL TRANSFERS (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE
258	Pounds	O - Other Approaches

2 - NAME: KELLOGG CREEK WATER POLLUTION CONTROL	ADDRESS: 11525 SE MCLOUGHLIN BLVD
CITY: MILWAUKIE	STATE: OR
COUNTY: 97222	ZIP CODE: CLACKAMAS

TOTAL TRANSFERS (per ye	ar) UNI	T OF MEASURE	BASIS OF ESTIMATE
	0	Pounds	O - Other Approaches

6.2 Transfers to other Off-Site Locations

3 RCRA Number: PAD987278082	Parent Company Controlled: YES
Name: GREENVILLE METALS INC	Address: 99 CRESTVIEW DRIVE
City: TRANSFER	State: PA
County: MERCER	Zip Code: 161542317
Country Code (Non - US):	Province:

OFFSITE AMOUNT SEQUENCE	TOTAL TRANSFERS (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE	WASTE MANAGEMENT TYPE
1	177196	Pounds	O - Other Approaches	M24 - Metals Recovery

4 RCRA Number: NA	Parent Company Controlled: NO
Name: HILLSBORO LANDFILL	Address: 3205 SE MINTER BRIDGE RD
City: HILLSBORO	State: OR
County: WASHINGTON	<u>Zip Code</u> : 97123
Country Code (Non - US):	Province:

OFFSITE AMOUNT SEQUENCE	TOTAL TRANSFERS (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE	WASTE MANAGEMENT TYPE
1	8016	Pounds	O - Other Approaches	M64 - Other Landfills

5 RCRA Number: ORD987188380	Parent Company Controlled: NO
Name: WESTERN SMELTING AND METALS	Address: 1845 SE HOLMAN AVE
City: DALLAS	State: OR
County: POLK	<u>Zip Code</u> : 97338
Country Code (Non - US):	Province:

OFFSITE AMOUNT SEQUENCE	TOTAL TRANSFERS (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE	WASTE MANAGEMENT TYPE
1	23606	Pounds	O - Other Approaches	M24 - Metals Recovery

6 RCRA Number: ORQ000025197	Parent Company Controlled: NO
Name: THERMO FLUIDS INC	Address: 12533 SE CARPENTER DRIVE
City: CLACKAMAS	State: OR
County: CLACKAMAS	<u>Zip Code</u> : 97015
Country Code (Non - US):	Province:

OFFSITE AMOUNT SEQUENCE	TOTAL TRANSFERS (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE	WASTE MANAGEMENT TYPE
1	23	Pounds	O - Other Approaches	M94 - Transfer to Waste Broker-Disposal

7 RCRA Number: NA	Parent Company Controlled: YES
Name: CALEDONIAN ALLOYS	Address: 9800 SE MCBROD AVE
City: MILWAUKIE	State: OR
County: CLACKAMAS	<u>Zip Code</u> : 97222
Country Code (Non - US):	Province:

OFFSITE AMOUNT SEQUENCE	TOTAL TRANSFERS (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE	WASTE MANAGEMENT TYPE
1	2091218	Pounds	O - Other Approaches	M24 - Metals Recovery

8 RCRA Number: ORD980975692	Parent Company Controlled: NO
Name: ORRCO FUEL PROCESSORS	Address: 4150 NORTH SUTTLE ROAD
City: PORTLAND	State: OR
County: MULTNOMAH	<u>Zip Code</u> : 972177717
Country Code (Non - US):	Province:

OFFSITE AMOUNT SEQUENCE	TOTAL TRANSFERS (per year)	UNIT OF MEASURE	BASIS OF ESTIMATE	WASTE MANAGEMENT TYPE
1	0	Pounds	O - Other Approaches	M94 - Transfer to Waste Broker-Disposal

Section 7A. On-Site Waste Treatment Methods and Efficiency

7A.1a. Waste Stream: SOLID WASTE STREAMS

7A.1b. WASTE TREATMENT METHOD(S) SEQUENCE

1 H101 - Sludge treatment and/or dewatering

7A.1d. Waste Treatment Efficiency Estimate: Greater than 50% but less than or equal to 95%

7A.2a. Waste Stream: GASEOUS

7A.2b. WASTE TREATMENT METHOD(S) SEQUENCE

1 A06 - MECHANICAL SEPARATION

7A.2d. Waste Treatment Efficiency Estimate: Greater than 95% but less than or equal to 99%

7A.3a. Waste Stream: WASTEWATER

7A.3b. WASTE TREATMENT METHOD(S) SEQUENCE 1 H123 - Settling or clarification

7A.3d. Waste Treatment Efficiency Estimate: Greater than 50% but less than or equal to 95%

7A.4a. Waste Stream: SOLID WASTE STREAMS

7A.4	b. WASTE TREATMENT METHOD(S) SEQUENCE
1	H129 - Other treatment

7A.4d. Waste Treatment Efficiency Estimate: Equal to or greater than 0% but less than or equal to 50%

Section 7B. On-Site Energy Recovery Processes

ON SITE	ENERGY	RECOVERY	PROCESSES

NA

Section 7C. On-Site Recycling Processes

ON SITE RECYCLING PROCESSES NA

Section 8. Source Reduction and Recycling Activities

SECTION	TYPE OF QUANTITY	<u>UNITS</u>	PRIOR	CURRENT REPORTING	FOLLOWING	SECOND FOLLOWING
			<u>YEAR</u>	<u>YEAR</u>	<u>YEAR</u>	<u>YEAR</u>
8.1a	Total on-site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills		NA	NA	NA	NA
8.1b	Total other on-site disposal or other releases	Pounds	276	295	295	295
8.1c	Total off-site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills	Pounds	6690	8016	8016	8016
8.1d	Total other off-site disposal or other releases	Pounds	156	281	281	281
8.2	Quantity Used for Energy Recovery Onsite		NA	NA	NA	NA
8.3	Quantity Used for Energy Recovery Offsite		NA	NA	NA	NA
8.4	Quantity Recycled Onsite		NA	NA	NA	NA
8.5	Quantity Recycled Offsite	Pounds	2110106	2292020	2292020	2292020
8.6	Quantity Treated Onsite		NA	NA	NA	NA

8.7	Quantity Treated Offsite	NA	NA	NA	NA

8.8 One-Time Event Release: NA

8.9 Production Ratio: 1.02

8.10 Source Reduction Activities

SOURCE REDUCTION ACTIVITIES	METHOD 1	METHOD 2	METHOD 3
NA			

8.11 Additional Data Indicator: NO

 $\textbf{9.1} \ \textbf{Miscellaneous}, \textbf{Additional or Optional Information regarding the Form R submission}$

REV:Changes reflect new test data and emission factors.|TARL:Changes reflect new test data and emission factors.